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APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,027	06/03/2005		George Young	1817-0152PUS1	1092
2292	7590	09/21/2006	EXAMINER		
		KOLASCH & BIR	PATEL, RAJNIKANT B		
PO BOX 747 FALLS CHURCH, VA 22040-0747				ART UNIT	PAPER NUMBER
.,	, , , ,			2838	

DATE MAILED: 09/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	
	10/509,027	YOUNG ET AL.	
Office Action Summary	Examiner	Art Unit	
	Rajnikant B. Patel	2838	
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address	
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period w  - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be time rill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE!	I. sely filed the mailing date of this communication. D (35 U.S.C. § 133).	
Status			
1) Responsive to communication(s) filed on 03 Ju	<u>ine 2005</u> .		
· <del>_</del>	action is non-final.		
3) Since this application is in condition for allowar	· · · · · · · · · · · · · · · · · · ·		
closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	93 O.G. 213.	
Disposition of Claims			
<ul> <li>4)  Claim(s) 1-22 is/are pending in the application.</li> <li>4a) Of the above claim(s) is/are withdray</li> <li>5)  Claim(s) is/are allowed.</li> <li>6)  Claim(s) 1-12 and 22 is/are rejected.</li> <li>7)  Claim(s) 13-21 is/are objected to.</li> <li>8)  Claim(s) are subject to restriction and/or</li> </ul>	vn from consideration.		
Application Papers			
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) access Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction of the oath or declaration is objected to by the Examine 11).	epted or b) objected to by the Eddrawing(s) be held in abeyance. See ion is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).	
Priority under 35 U.S.C. § 119			
<ul> <li>12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents</li> <li>2. Certified copies of the priority documents</li> <li>3. Copies of the certified copies of the priority application from the International Bureau</li> <li>* See the attached detailed Office action for a list of the certified copies of the attached detailed Office action for a list of the certified copies</li> </ul>	s have been received. s have been received in Application ity documents have been received (PCT Rule 17.2(a)).	on No ed in this National Stage	
Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO/SB/08)  Paper No(s)/Mail Date 9/04.	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:	ate	

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## **DETAILED ACTION**

## Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1-12 and 22 are rejected under 35 U.S.C. 102(b) as being anticipated by Curtis et al. (U.S. patent # 6,545,884).

Decker et al. disclose the claimed subject matters a high duty cycle converter (figure 1-6,8-9,9A and 10-11), including a closed loop and variable signal (column 16, line 60-65) and derived as a function of the difference between the desired and measured signal (column 16, line 55-60), a current mode control (column 7, line 40-65), a preset time interval (column 11, line 15-45), a loss less switching (column 5, line 20-30), duty cycle is fixed in the range 90%-100% (column 10, line 1-15), an amplifier and comparator (column 6, line 15-30 and column 8, line 45-65) and a voltage clamp (column 13, line 5-20).

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## Allowable Subject Matter

3. Claims 13-21 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rajnikant B. Patel whose telephone number is 571-272-2082. The examiner can normally be reached on 6.30-5.00; m-f.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Karl Easthom can be reached on 571-272-1989. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000. Rajnikant B Patel

(PAMARY EYAMING)